Thailand National Single Window

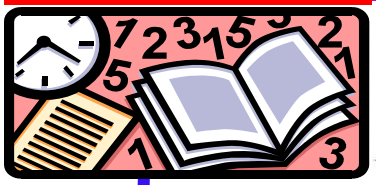
Information and Communication Technology Bureau
Thai Customs Department

Evolution of e-Customs and Thailand National Single Window

World-Class Customs

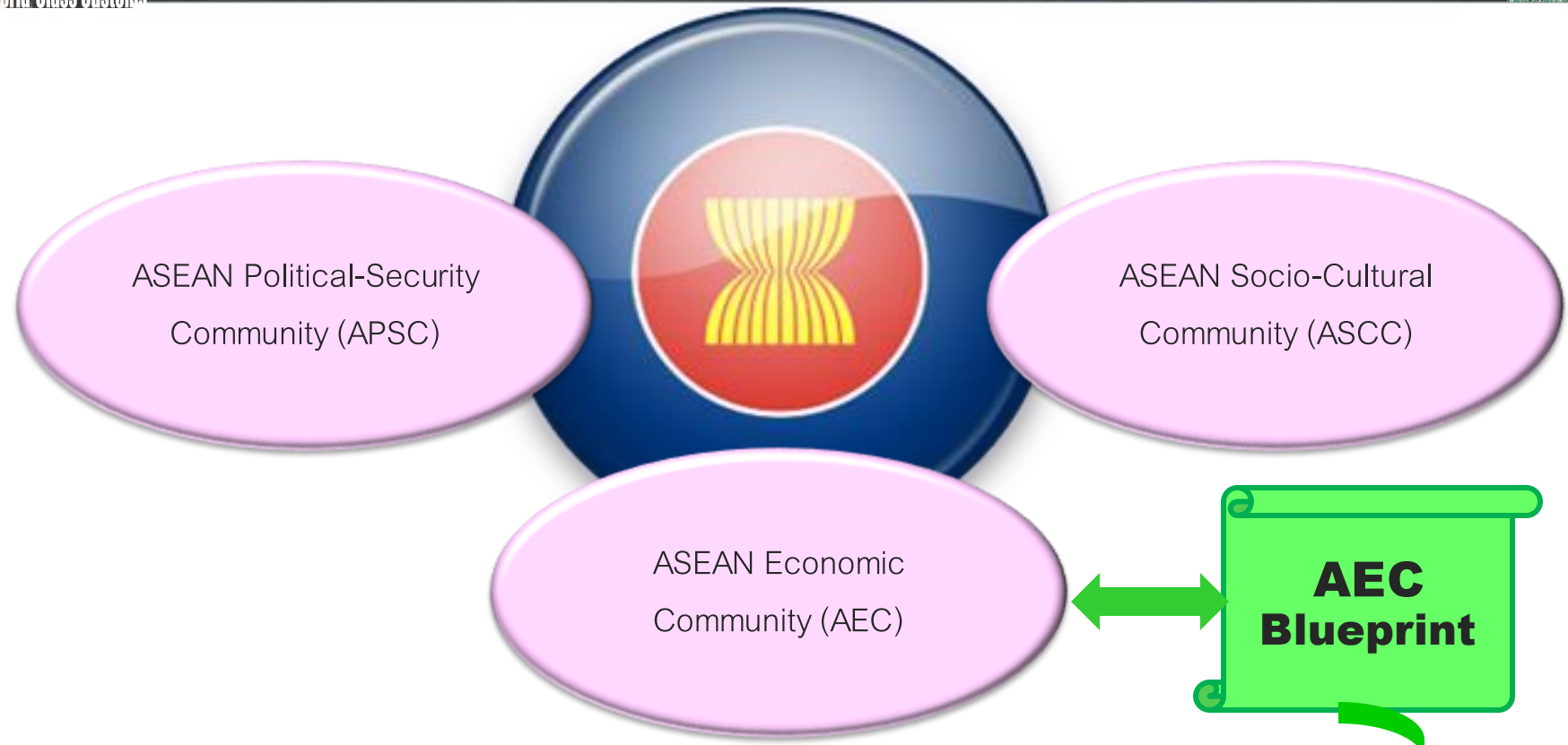
NSW

I	II	III	IV	V
Isolated Organization	Customs EDI Services (G2B, G2G)	Multi Single Electronic Windows (G2B, G2G, B2B)	National Single Window (Integrated Single Window)	ASEAN Single Windows and other International cross-border data exchange
Face-to-Face Services	*UN/EDIFACT and XML (Less paper)*	*ebXML/XML PKI/Digital Signature & other standards*	*ebXML/XML PKI/Digital Signature & others*	*ebXML/XML PKI/Digital Signature & Others*



<----1997	1998-2006	2006-2008	2008-2010	2011-2015

ASEAN Community : 2015



Thailand National Single Window & ASEAN Single Window towards AEC 2015 and Global Connectivity

Single Window Concept

UN/CEFACT Recommendation No. 33

- "A facility that allows party involved in trade and transport to lodge standardized information and documents with a single entry point to fulfill all import, export, and transit-related regulatory requirements. If information is electronic, then individual data elements should only be submitted once."

WCO World Customs Organization

- A Single Window Environment is a cross border, 'intelligent', facility that allows parties involved in trade and transport to lodge standardized information, mainly electronic, with a single entry point to fulfill all import, export and transit related regulatory requirements.

ASW ASEAN Agreement to Establish ASEAN Single Window

- Single submission, single processing and single decision making for customs release and clearance (summary)

Thailand National Single Window 2013

Trading Communities

VAN/VAS

Web Browser

Secure Networks

International Single Window Connectivity

Global Trade

AEC 2015

Certification Authorities

Secure Networks

NSW Portal

Web Self Registration
Web e-Form (Trader and Agency)
Single Window Entry
Community e-Tracking
National Standard Data Set

NSW Primary Site

ASW / International Gateway
Community Gateway and Partner Management
Message Process Orchestration
& Transformation
Business Activity Monitoring

NSW

Thailand National Single Window

NSW Portal

Web Self Registration
Web e-Form (Trader and Agency)
Single Window Entry
Community e-Tracking
National Standard Data Set

NSW Secondary Site

ASW / International Gateway
Community Gateway and Partner Management
Message Process Orchestration
& Transformation
Business Activity Monitoring

Help Desk & Call Center

Secure Networks

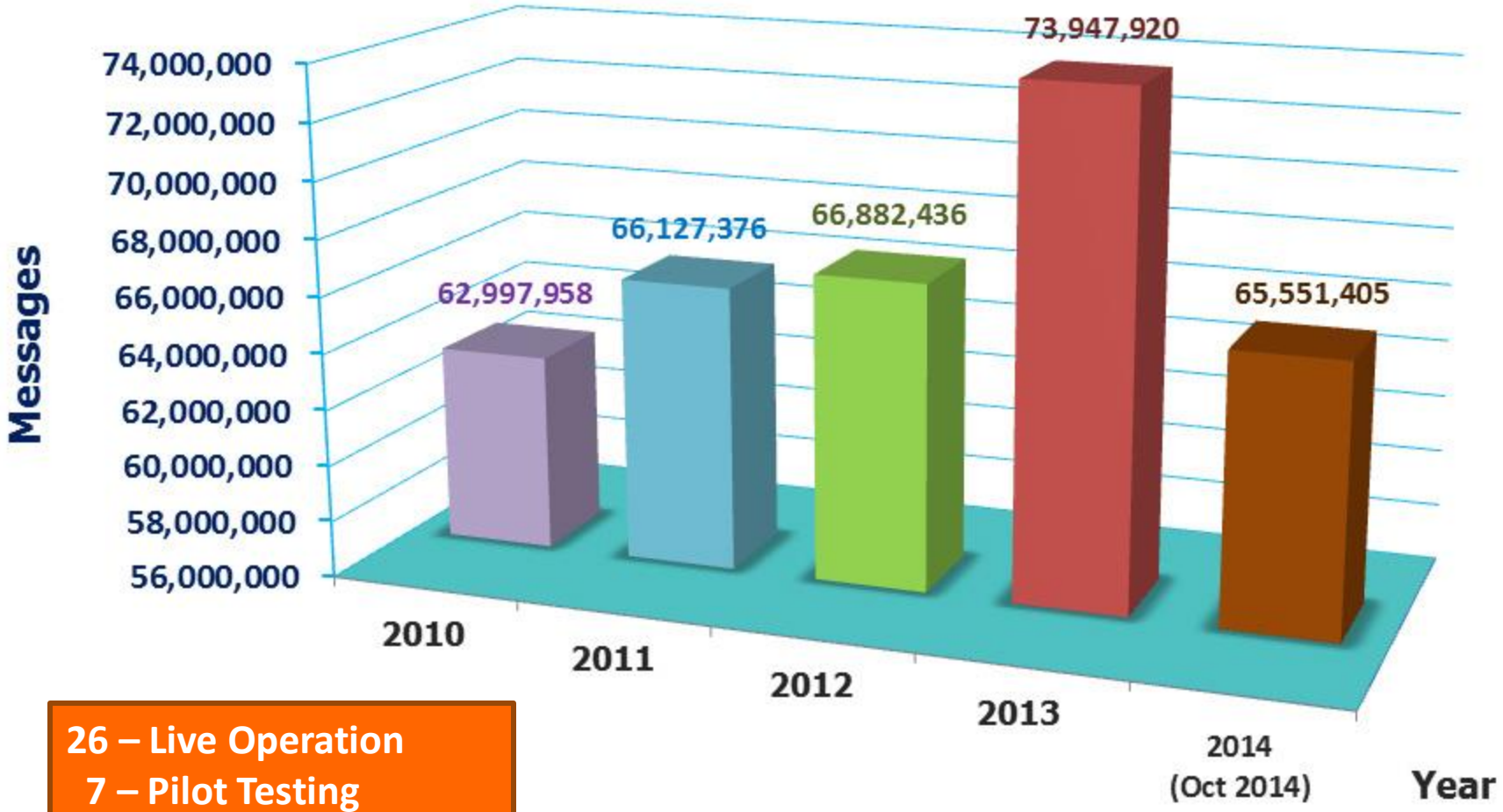
BANK

Insurance

Government Information Network (GIN) and Private Networks

The Customs Department
Department of Foreign
Industrial Estate Authority
Department of industrial works
Department of Livestock Development
The Revenue Department
The Board of Investment
Department of Fisheries
The National Bureau of Agricultural Commodity and Food Standards
The Fine Arts Department
Department of Energy Business
Office of the Cane and Sugar Board
Department of Primary Industries and Mines
Department of Mineral Fuels
Department of Land Transport
Office of Atoms for Peace
Defence Industrial Department
Department of Provincial Administration
Department of Agriculture
Department of Medical Sciences
Department of Forestry
Department of Internal Trade
Electrical and Electronics Institute
Department of National Parks, Wildlife and Plant Conservation
Office of the Rubber Replanting Aid Fund
Airports of Thailand Public Company Limited
Marine Department
Department of Civil Aviation
Department of Mineral Resources
Office of The National Broadcasting and Telecommunications Commission
Thai Industrial Standards Institute
Department of Disease Control
Port Authority
Food and Drug Administration
The Federation of Thai Industries
The Thai Chamber of Commerce and Board of Trade

Thailand National Single Window
NSW Message Statistics

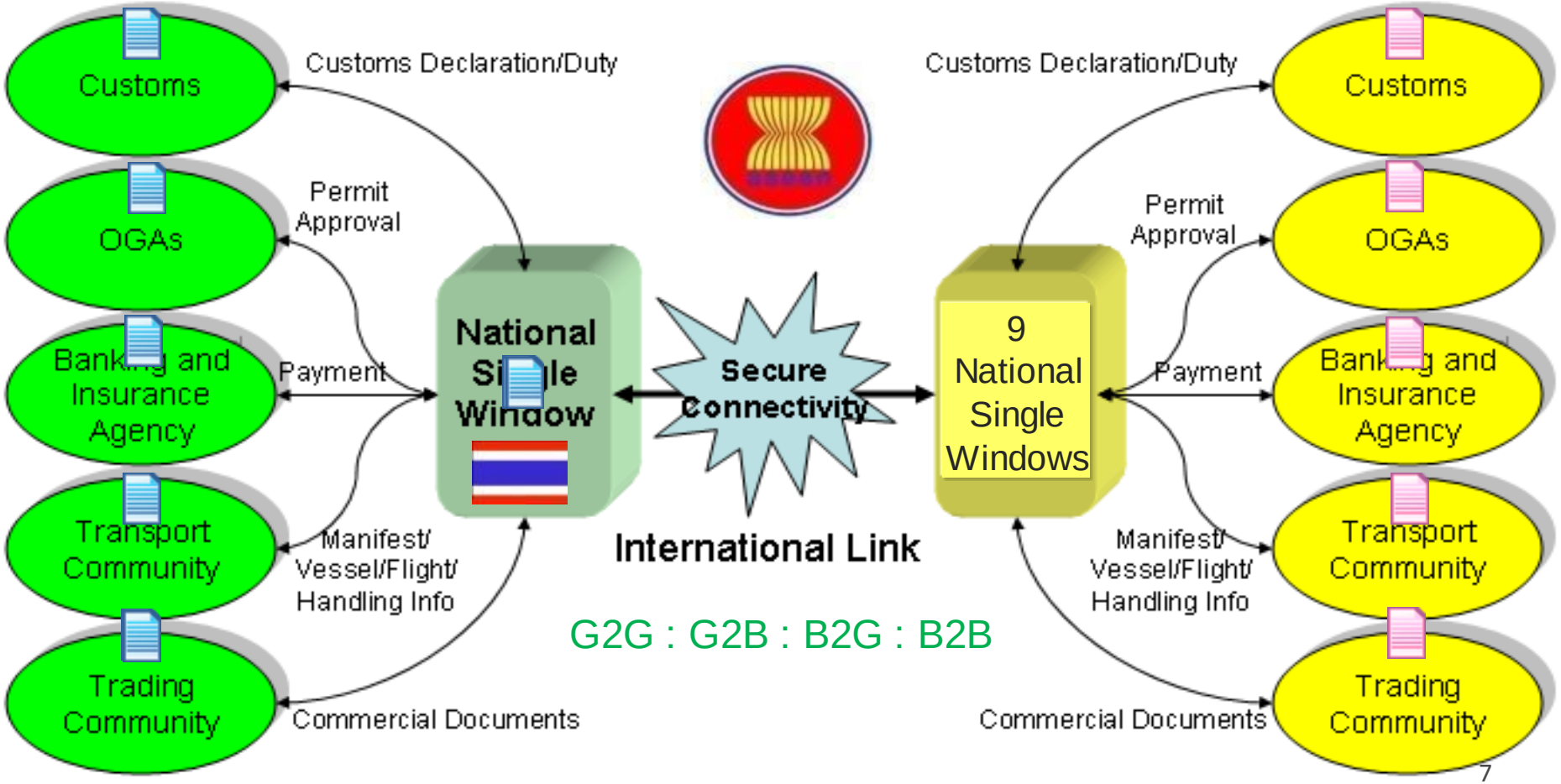


26 – Live Operation
7 – Pilot Testing
3 – Development Stage

ASEAN Single Window (ASW) Model

ASEAN Single Window (ASW) Model

Prototype Flowchart Of Information Processing



G2G : G2B : B2G : B2B

ASEAN Single Window Pilot Project (ATIGA Form D)
(1 August – 3 December 2012)

Country	Thailand National Single Window			Remark
	Send	Receive	ATIGA Form D (Record)	
Brunei	✓	–	3,261	Failed
Cambodia	✓	–	1,663	Failed
Indonesia	✓	✓	38,958	Delivered
Laos	✓	–	2,002	Failed
Malaysia	✓	✓	6,630	Delivered
Myanmar	✓	–	1,784	Failed
Philippines	✓	–	2,001	Delivered
Vietnam	✓	–	1,510	Delivered
Singapore	✓	✓	5,560	Delivered
Total			63,369	

ASEAN Single Window Pilot Project (ACDD)
(1 August – 3 December 2012)

Country	Thailand National Single Window			Remark
	Send	Receive	ACDD (Record)	
Brunei	✓	–	84	Failed
Cambodia	✓	–	1,810	Failed
Indonesia	✓	✓	3,916	Delivered
Laos	✓	–	1,966	Failed
Malaysia	✓	–	5,800	Delivered
Myanmar	✓	–	3,628	Failed
Philippines	✓	–	926	Delivered
Vietnam	✓	–	5,419	Delivered
Singapore	✓	–	3,859	Delivered
Total			**27,408**	

Challenge

- The difference of ICT Infrastructure readiness
- The difference of data standardization
- The difference of data usage requirement
- The difference of resources availability
- Insufficient laws and regulations for electronic transaction

Thank you

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www.thainsw.net